

FAU ROUTE	IDOT SECTION	COUNTY
9277	04-00031-00-PV	ST. CLAIR
FEDERAL AID PROJECT		ILLINOIS
IDOT JOB NO.	C-98-309-06	
IDOT CONTRACT NO.	97327	

THE TABLE BELOW IS THE ESTIMATED BREAKDOWN OF EARTHWORK FOR THE STAGES OF CONSTRUCTION AS SHOWN. THE NET RESULT OF THIS TABLE IS TO INDICATE THAT THERE SHOULD BE SUFFICIENT ACTUAL EARTH CUT MATERIAL WITHIN THE PROJECT TO PROVIDE A 6" MINIMUM THICKNESS OF EARTH FOR FINISH GRADING THAT IS FREE OF EXISTING PAVEMENT AND OTHER FOREIGN MATERIAL.

THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS • SURVEYORS • PLANNERS



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
corp@twm-inc.com
- EDWARDSVILLE OFFICE**
1015B CENTURY DRIVE
EDWARDSVILLE, ILLINOIS 62025
TEL (618) 656-4040
FAX (618) 656-4343
edwardsville@twm-inc.com
- ST. LOUIS OFFICE**
1001 CRAIG ROAD, SUITE 260
ST. LOUIS, MISSOURI 63146
TEL (314) 236-5052
FAX (314) 872-2194
stlouis@twm-inc.com
- WATERLOO OFFICE**
113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3938
waterloo@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-03570
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 00046

SEAL

Signature: _____
Signature Date: _____
Expiration Date: _____

STATEMENT OF RESPONSIBILITY

I hereby confirm that the document herein to be authorized by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

REMOVAL SCHEDULE											
FROM LOCATION (STATION, DIRECTION)	TO LOCATION (STATION, DIRECTION)	PAVEMENT REMOVAL (SQ YD) 44000100	DRIVEWAY PAVEMENT REMOVAL (SQ YD) 44000200	CURB REMOVAL (FOOT) 44000300	COMBINATION CURB & GUTTER REMOVAL (FOOT) 44000500	PAVED DITCH REMOVAL (FOOT) 44004000	SIDEWALK REMOVAL (SQ FT) 44000600	PIPE CULVERT REMOVAL (FOOT) 50105220	REMOVING INLETS (EACH) 60500060	STORM SEWER REMOVAL (FOOT) XX146400	
HUNTWOOD ROAD											
27+67.67			456.0								
27+67.67	RT	28+57.00									
27+67.67	LT	28+23.00			55.3						
27+67.67	LT	28+30.00			62.3						
27+67.67	LT	28+50.00					329.3				
30+62.92	LT		232.8								
31+00.00	RT	31+30.00						50.0			
31+35.00	LT	31+45.00						20.0			
31+53.02	LT	31+55.43						7.0			
31+58.15	LT	32+01.28						44.0			
35+22.00	RT	36+00.00			112.0						
35+59.07	RT		217.7								
35+90.00	LT	36+00.00		34.0							
36+23.16	RT	38+52.83				230.0				10.0	
36+94.00	RT	36+98.00									
36+98.00	30 RT								1		
37+04.34	LT		22.6								
38+78.00	RT	39+65.00			87.0						
39+00.00	LT	39+38.00			54.0						
39+19.51	LT		154.6								
39+20.69	RT		220.8								
39+35.52	LT	39+56.25									
39+49.91	RT	39+49.65			14.5		153.0				
39+45.48	LT	39+49.02			6.0						
39+45.31	RT	39+46.65					92.0				
39+41.74	RT	39+43.72			3.7						
39+55.78	RT	42+62.04				307.0					
40+62.55	LT	40+76.41					68.1				
40+85.84	LT		74.2								
40+96.14	LT	41+08.42					61.7				
42+55.00	RT	42+61.00								15.0	
42+61.00	RT	42+63.00						38.0			
42+61.00	RT								1		
42+64.14	LT	42+63.91					18.0				
43+37.07	LT	43+49.85					63.5				
43+59.84	LT		59.3								
43+69.52	LT	48+66.13				2,551.5					
44+00.00	LT	44+01.00						15.0			
45+42.37	RT		88.7								
47+33.66	RT		102.0								
48+00.00	RT	48+80.00								96.0	
48+36.10	LT	49+39.59									
48+70.00	29 LT				73.6				1		
48+70.29	LT	48+80.00								50.0	
48+70.00	LT	49+20.00								50.0	
48+56.22	LT	49+39.58									
48+80.00	RT	49+10.00			89.0						
48+80.00	20 RT								1		
48+88.77	RT		139.6								
48+92.96	LT		131.2								
49+20.00	30 LT								1		
49+30.00	44 LT								1		
49+77.00	RT	50+72.00						98.0			
50+28.11	RT		298.2								
50+73.44	LT		124.6								
51+21.98	LT	52+27.00			150.0						
51+41.69	LT		41.9								
51+58.98	RT		160.0								
52+07.34	LT		47.2								
52+65.00	LT	53+33.00			102.0						
52+97.11	LT		166.7								
55+45.00	LT	56+45.00					193.6				
55+64.83	LT		137.3								
56+42.00	LT	56+91.03						50.0			
56+73.35	LT		132.7								
58+35.00	LT	58+55.00						20.0			
58+46.70	LT		35.6								
58+85.00	RT	59+05.00						20.0			
58+93.83	RT		189.0								
59+19.00	LT	59+37.00						18.0			
60+30.00	RT	60+55.00			38.0						
60+41.97	RT		78.1								
60+60.00	17 RT								1		
63+34.64	RT		126.3								
63+65.64	RT	64+01.64									
63+78.49	RT		40.3								
64+70.00	LT	64+93.00									
65+20.00	RT	65+50.00			60.8						
67+29.00	LT	194+74.94			76.0						
67+30.00	RT	192+72.91			132.0						
192+72.91 (IL 159)	LT	193+82.26 (IL 159)				606.5					
194+21.03 (IL 159)	LT	194+74.93 (IL 159)				298.5					
	SUB-TOTAL		456.0	3,021.5	399.2	751.0	537.0	4,417.1	457.0	7	256.0
OLD CASEYVILLE ROAD											
13+47.00	LT	13+83.00					509.4				
14+00.30	RT										
	SUB-TOTAL		0.0	20.2	0.0	0.0	0.0	509.4	0.0	0	0.0
	TOTAL		456.0	3,042	399	751	537	4,927	457	7	256

EARTHWORK SCHEDULE								
STAGE	DESCRIPTION	STATION		OIL & CHIP PAVT. REMOVAL (CY)	EARTH CUT (CY)	ADJ. CUT (CY)	EARTH FILL (CY)	BALANCE WASTE (+) SHORTAGE (-) (CY)
		FROM	TO					
I	Full Construction Old Caseyville Road	11+50	14+74	161	66	49	568	-519
I	Full Construction Huntwood Road	29+00	37+50	397	3,815	2,829	2,196	633
II	Full Construction	55+00	67+60	751	1,567	1,165	2,275	-1,110
Detour	Runaround Only	37+50	55+00	-	302	227	98	129
III	PGL LT Only	37+50	55+00	1,010	1,024	752	260	492
IV	PGL RT Only	37+50	55+00	675	232	162	824	-662
TOTALS:				2,994	7,006	5,184	6,221	-1,037
TOTAL EARTH EXCAVATION:				10,000		TOTAL FURNISHED EXCAVATION:		1,037

TREE REMOVAL SCHEDULE					
FROM LOCATION (STATION, OFFSET)	TO LOCATION (STATION, OFFSET)	TREE REMOVAL (ACRES) 20100500	TREE REMOVAL (6-15 UNIT DIAMETER) (UNIT DIA.) 20100110	TREE REMOVAL (OVER 15 UNIT DIAMETER) (UNIT DIA.) 20100210	
HUNTWOOD ROAD					
29+39.27	22.43 LT			14	
30+43.00	13 RT				34.0
30+55.00	25 RT				18.0
30+80.00	30 LT				27.0
30+92.00	22 RT			14.0	
31+05.00	30 LT				30.0
31+08.00	12 RT				21.0
31+75.00	14 RT				29.0
31+80.00	16 RT				27.0
31+85.00	14 RT				29.0
32+95.00	26 LT				25.0
33+05.00	18 RT				21.0
56+97.45	33.43 LT			10.0	
57+86.41	32.48 LT			6.0	
58+31.71	32.22 LT			10.0	
58+74.74	29.83 RT				17.0
58+79.65	30.41 LT			12.0	
59+10.28	32.86 RT				17.0
59+16.00	32 LT				26.0
59+19.81	42.01 LT			10.0	
59+35.89	44.79 LT				19.0
59+41.88	45.92 LT			6.0	
59+42.00	32 LT			13.0	
59+61.35	40.30 RT				42.0
59+67.99	28.44 LT			6.0	
59+74.20	27.73 LT			10.0	
59+77.81	38.98 LT			6.0	
59+82.95	26.17 LT			8.0	
59+95.30	26.38 RT			10.0	
59+96.73	45.61 LT			13.0	
60+02.82	33.48 LT			12.0	
60+15.34	45.16 LT			12.0	
60+18.88	28.29 LT			13.0	
60+28.45	43.24 LT			12.0	
60+33.74	26.75 LT				36.0
60+91.37	23.36 RT				18.0